

# A SYSTEM FOR BATTERY ALARM NOTIFICATION AND A METHOD FOR IMPLEMENTING SAME

## ABSTRACT OF THE INVENTION

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In an embodiment of the present invention, a clamp-on sensor is coupled at a single point of a battery string in an un-interruptible power supply. In embodiments of the present invention, the clamp-on sensor is a Hall effects sensor for sensing ripple current through the battery string. The clamp-on  
10 sensor is coupled with a logic circuit for detecting a battery failure of the battery string. In response to detecting a failure of the battery string, the logic circuit automatically generates a message over a communication network indicating the failure of a battery in the battery string. In embodiments of the present invention, the logic circuit can also generate a message indicating the failure of  
15 an inverter in the un-interruptible power supply.